

## ABSTRACT OF THE DISCLOSURE

The present invention provides a preparation method of a yeast extract solution for cell-free protein synthesis, 5 which solution is easy to prepare and is capable of synthesizing a higher amount of a protein than by conventional yeast extract solutions, the yeast extract solution, a cell-free synthesis method of protein, which uses the yeast extract solution, and a kit for cell-free protein 10 synthesis containing the yeast extract solution. The method of the present invention includes rupturing a yeast cell in a frozen state, and obtaining an extract thereof.